SDI Review Form 1.6

Journal Name:	**International Journal of Plant & Soil Science**
Manuscript Number:	**Ms_IJPSS_51760**
Title of the Manuscript:	**Germination under high temperatures of maize adapted to the Cerrado of Tocantins**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	1. The following references are found in the text, eg. CONAB (2018) [2] –UPPER case and some are eg Dutra (2014) [4], - sentence case. Therefore make them unique/ uniformity and keep consistency in fonts. 2. Analysis of variance was done, BUT the design was not given. Hopefully it is a 4 × 4 factorial design with four temperatures and the four genotypes. Data were collected at four different sites. Therefore please get advice from a biometrician for analysis. 3. Table 1 was not referred in the text 4. Table 2 was referred after the table appeared in the text 5. Table 2 shows the Comparisons (test T) among **three** genotypes of the PIONEIRA LTDA, but the table contains **six** genotypes??????? Confused. 6. In the abstract it stated that 'Were supplied **six cultivars** of the PIONEIRA LTDA. (PIONEIRA HS-9, PIONEIRA HS-14i, PIONEIRA ROBUSTO), to perform the experiment, in addition to the commercial cultivar BRS 3040', BUT in the material methods stated that' Where used in the experiment, which made available **three seed genotypes**: PIONEIRA HS-9, PIONEIRA ROBUSTO, PIONEIRA HS-14i and the commercial witness BRS 3040, a cultivar from Embrapa' CONFUSION/ misunderstanding/ mistake.????? 7. In the germination test, four repetitions of 50 seeds were taken. Why 4????? Give a reason for the replication. 8. The seedling length test was done in four replicates of ten maize seeds. In the germination test, four repetitions of 50 seeds were taken. How the sampling was done. ????	1. The error has already been corrected. 2. The error has already been corrected. 3. The error has already been corrected. 4. The error has already been corrected. 5. The error has already been corrected. 6. The error has already been corrected. 7. Because, this is the methodology used in the institution, according to the reference [12], presented in the article. 8. There was no sampling. Other seeds were used for the seedling length test, not the same of the germination test.
Minor REVISION comments	Revisions has to be done as above comments	
Optional/General comments		

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PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	